From: McCasland, Mark To: bporter@csr.utexas.edu

Cc: Leticia Deleon; Brescia, Nicolas; Abel Garcia; paul.buschow@tceq.texas.gov; Benjamin Latham;

Janine.Latham@WestonSolutions.com

Re: WWTPs & MUDs: Hurricane Harvey Damage Assessments Subject:

Wednesday, September 20, 2017 1:33:30 PM Drinking Water Evaluation Data Sheet.pdf Attachments: **Drinking Water Operational Status Codes.pdf** DW and WW Damage Levels.pdf

Waste Water Evaluation Data Sheet.pdf

Waste Water Operational Status Codes 20151201.pdf

Good afternoon Brent,

Date:

For our field assessments at WWTP and PWS, we used the attached forms. All of the data our teams collected is in EPA's Response Manager (RM) which the state (TCEQ) also used to input all assessments including those conducted by phone, email or field. We consider RM our database of record for our DW and WWTP assessments.

The systems in RM including the county, facility ID, name, damage level categories, etc. The PWS have locational data, but the WWTP locational data is not as complete in RM.

Please note that there will likely be minimal field assessment data from the Alpha and Charlie Branches of the response as all of our field work was conducted by the Bravo Branch which encompasses TCEQ Region 12's counties (Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, Wharton). The counties of Bastrop, Fayette and Lee were included in the Bravo Branch but were covered by TCEQ's Region 11 office (Austin).

A quick check of RM on the DW side shows assessments of any kind for 4 MUDs in the Corpus Christi Region, 456 in the Houston Region and 7 in the Beaumont Region.

Is this the type of data needed? Something different? Please let me know so we can help you the best we can.

Thanks.

Mark McCasland **US EPA Region 6 Drinking Water Section (6WQ-SD)** (214) 665-8088 (w)

From: Paul Buschow

Sent: Tuesday, September 19, 2017 4:22 PM

To: Jennifer Kirby <<u>Jennifer.Kirby@Tceq.Texas.Gov</u>>; Tom Nuernberger

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Cc: Brent Porter @ CSR < bporter@csr.utexas.edu >; Elayne Barber

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Subject: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good day,

Brent Porter over at CSR (Center for Space Research, UT), working with Dr. Gordon Wells, is trying to get some damage assessment data for waste water treatment plants (WWTP) and/or MUDs. They are looking for any info we may have on WWTPs or MUD damage assessments by county, or a list of the names of the affected sites or MUDs.

CSR is working with GLO and the Governor's Office on a web-based site to roll-up the damage assessments.

If you have any specific questions for Brent, he is on the CC line.

Thank you all for any information you may have that you can share.

-Paul

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